



EP. 2837
K. Ward
11/18/98
PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Meeks et al.

Serial No.: 09/082,264

Filed: May 20, 1998

For: METHOD AND APPARATUS FOR
PRODUCING VIRTUAL ACOUSTIC SOUND

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Group Art Unit: 2831

Examiner: N/A

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

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PRELIMINARY AMENDMENT

Sir:

Prior to initial examination on the merits, please amend the above-identified application as follows:

IN THE ABSTRACT:

Please include the following abstract, which is repeated on a separate sheet of paper in accordance with 37 CFR 1.72(b):

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ABSTRACT OF THE DISCLOSURE

A head-related impulse response to describe sound signals in a spatial environment is shown to accurately approximate three-dimensional sound data using limited computations, and can also be transformed for ease of computation. The head-related impulse response and disclosed computational methods thereof can be used to produce three-dimensional sound via a method described and refined. Implementations of the method can be used for applications with one or

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